

# **BHAVANA RUSHI DONTU**

**Department:** Electrical and Electronics Engineering

**College:** Seshadri Rao Gudlavalleru Engineering College

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## **RESIDENTIAL ADDRESS:**

Bhavana Rushi Dontu ,

D.No: 2-13, Vysa Bazar, Santha Road, Gudlavalleru, Andhra Pradesh-521356

**ACADEMIC QUALIFICATIONS: B. Tech (EEE), M.Tech (PSE).**

## **ACADEMIC REWARDS / ACHIEVEMENTS:**

- ❖ Recognized as NPTEL Discipline star.
- ❖ Secured top 1% in NPTEL online certification course in Power System Engineering.
- ❖ Secured top 5% in NPTEL online certification course in Fundamentals of Electrical Engineering.
- ❖ Done NPTEL course in Power System Dynamics, Control and Monitoring and secured Elite + Gold.
- ❖ Done NPTEL course in Power System Analysis and secured Elite + Silver.
- ❖ Done NPTEL course in Electrical Machines – I and secured Elite + Silver.
- ❖ Done NPTEL course in Design of photovoltaic systems and secured Elite
- ❖ Published one patent.
- ❖ Qualified in GATE examination with AIR 8544.

## **PROFESSIONAL EXPERIENCE:**

<b>Designation</b>	<b>Institution</b>	<b>Period</b>
<b>Asst. Professor</b>	<b>Vignan's Nirula Institute of Technology and Science for Women</b>	<b>01-06-2012 to 26-10-2013</b>
<b>Asst. Professor</b>	<b>Seshadri Rao Gudlavalleru Engineering College</b>	<b>31-10-2013 to Till date</b>

## PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
NIL	3	10

## SPECIALIZATION:

Power Systems Engineering

## RESEARCH PAPERS / BOOKS:

### BOOKS PUBLISHED IN PUBLICATIONS: NIL

### PAPERS PUBLISHED IN JOURNALS:

- Published a paper in Industrial Engineering Journal “Design and Analysis of Solar Powered Electric Vehicle Charging System for Workplaces”, ISSN: 0970-2555, Volume 53, Issue 4, April 2024.
- Published a paper in BioGecko on "Implementation of Cloud Based Smart Battery Management System Using IoT, ISSN NO: 2230-5807, Volume 12, Issue 2, March-April 2023.
- Published a paper in International Journal entitled Reduced Rating DVR & IDVR for Power Quality Enhancement using Particle Swarm Optimization Technique in Indian Journal of Applied research (IJAR) ISSN: 2249-555X Volume-5, Issue-11, 2015.
- Published a Research paper in International Journal entitled “Performance Comparison of Shunt Active Power Filter with Different Control Algorithms Using Particle Swarm Optimization” in IJAREEIE, ISSN: 2278- 8875, Volume 5, Issue 7, July 2016.

### PAPERS PUBLISHED IN CONFERENCES/WORKSHOPS: NIL

### LIST OF WORKSHOPS ORGANIZED: NIL

### LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:

- Participated in One Week International Faculty Development Program on “**PLC HMI (Human- Machine Interface ) Design and Integration**” from 1<sup>st</sup> July 2024 to 6<sup>th</sup> July 2024 at SRGEC Gudlavalleru.
- Participated in One Week International Faculty Development Program on “**IOT, Industry 4.0 and Stress Management**” from 17<sup>th</sup> July 2023 to 22<sup>nd</sup> July 2023 at SRGEC Gudlavalleru.

- Attended a One Week Faculty Development Program on “**Advances in Optimization and Control of Electrical Engineering Systems**”, during 11<sup>th</sup> July 2022 to 20<sup>th</sup> July 2022 at SRGEC Gudlavalleru in Association with Electronics & ICT Academy, NIT Warangal.
- Participated in One Week Virtual Faculty Development Program on “**Intelligent Control of Electrical Systems Using Machine Learning**”, during 16<sup>th</sup> to 20<sup>th</sup> October 2023 at SRGEC, Gudlavalleru.
- Attended one week faculty development programme on “**Advances in Renewable Energy and Electric Vehicles**”, during 20<sup>th</sup> to 24<sup>th</sup> Feb 2023 at SRGEC, Gudlavalleru.
- Attended A One Week Faculty Development Programme on “**Intelligent Control Techniques for Electrical Systems**” held in Seshadri Rao Gudlavalleru Engineering College, Gudlavalleru from 31<sup>st</sup> January to 4<sup>th</sup> February 2022.
- Attended a One Week Faculty Development Program on “**Emerging Trends in Research Areas of Electrical Engineering**” during 7<sup>th</sup> to 11<sup>th</sup> December, 2015 at Gudlavalleru Engineering College, Gudlavalleru.
- Attended a One Day Seminar on “**Renewable Energy Resources for Sustainable Development**” on 24<sup>th</sup> February 2016 at Gudlavalleru
- Attended a One Week Faculty Development Programme on “**ETAP Software Training and Its Applications**” during 2<sup>nd</sup> to 8<sup>th</sup> June, 2015 at Gudlavalleru Engineering College, Gudlavalleru.
- Attended Two week “**ISTE Workshop on Control Systems**” during 2<sup>nd</sup> to 12<sup>th</sup> December, 2014.
- Attended a Five-day Workshop on “**Operation of Restructured Power System**” during 11<sup>th</sup> -15<sup>th</sup> February, 2013 Organized by Department of Electrical Engineering of NIT Warangal.

**CERTIFICATIONS: NIL**

**GUEST LECTURES DELIVERED: NIL**

**MEMBERSHIP IN PROFESSIONAL BODIES: IE(I)**

**CONSULTANCY ACTIVITIES: NIL**

**GRANTS FETCHED: NIL**